

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm *POST - BIDECK*

Dropwindsonde Scientists

Page 1 of 1

Flight ID 020923 I

Flight Director *Barry*

Takeoff from *McD*

at 170334

Mission ID IS 1004e⁴⁵

AVAPS Operators SANS SUELI TONG

Recovery at

at.

[illegible]

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ISIDORE/SYNOPTIC

NOAA/Hurricane Research Division Monday, September 23, 2002 8:44:23 AM

Aircraft: N43RF
/1700Z

Proposed takeoff: 23

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TRACK DISTANCES

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	25 50	84 15		156.	156.	0:38
2	23 50	87 30		221.	377.	1:34
3	22 50	87 50		63.	440.	1:49
4	21 00	84 30		222.	662.	2:45
5	20 10	86 30		126.	788.	3:17
6	24 00	86 30		230.	1018.	4:14
7	24 00	83 30		172.	1190.	4:57
8	21 50	86 30		216.	1406.	5:51
9	22 45	87 10		67.	1473.	6:08
10	24 30	84 10		202.	1675.	6:58
11	MACDILL			222.	1897.	7:54

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
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Sum Pt

(CTD) CRJ
22.2

①

②
③

④

⑤

⑥
⑦

1	25 49	84 15
2	25 36	84 36
3	25 23	84 58
4	25 09	85 19
5	24 56	85 41
6	24 43	86 03
7	24 29	86 25
8	24 16	86 46
9	24 03	87 08
10	23 49	87 30
11	22 49	87 49
12	22 40	87 33
13	22 31	87 16
14	22 22	86 59
15	22 13	86 43
16	22 04	86 26
17	21 54	86 09
18	21 45	85 53
19	21 36	85 36
20	21 27	85 19
21	21 18	85 03
22	21 09	84 46
23	21 00	84 30
24	20 50	84 54
25	20 40	85 17
26	20 30	85 42
27	20 20	86 05
28	20 10	86 30
29	20 29	86 30
30	20 48	86 30
31	21 07	86 30
32	21 26	86 30
33	21 45	86 30
34	22 05	86 30
35	22 24	86 30
36	22 43	86 30
37	23 02	86 30
38	23 21	86 30
39	23 40	86 30
40	24 00	86 30
41	24 00	83 30
42	23 43	83 52
43	23 27	84 15
44	23 11	84 37
45	22 54	85 00
46	22 38	85 22
47	22 22	85 45
48	22 06	86 07

BT 12
BT 12

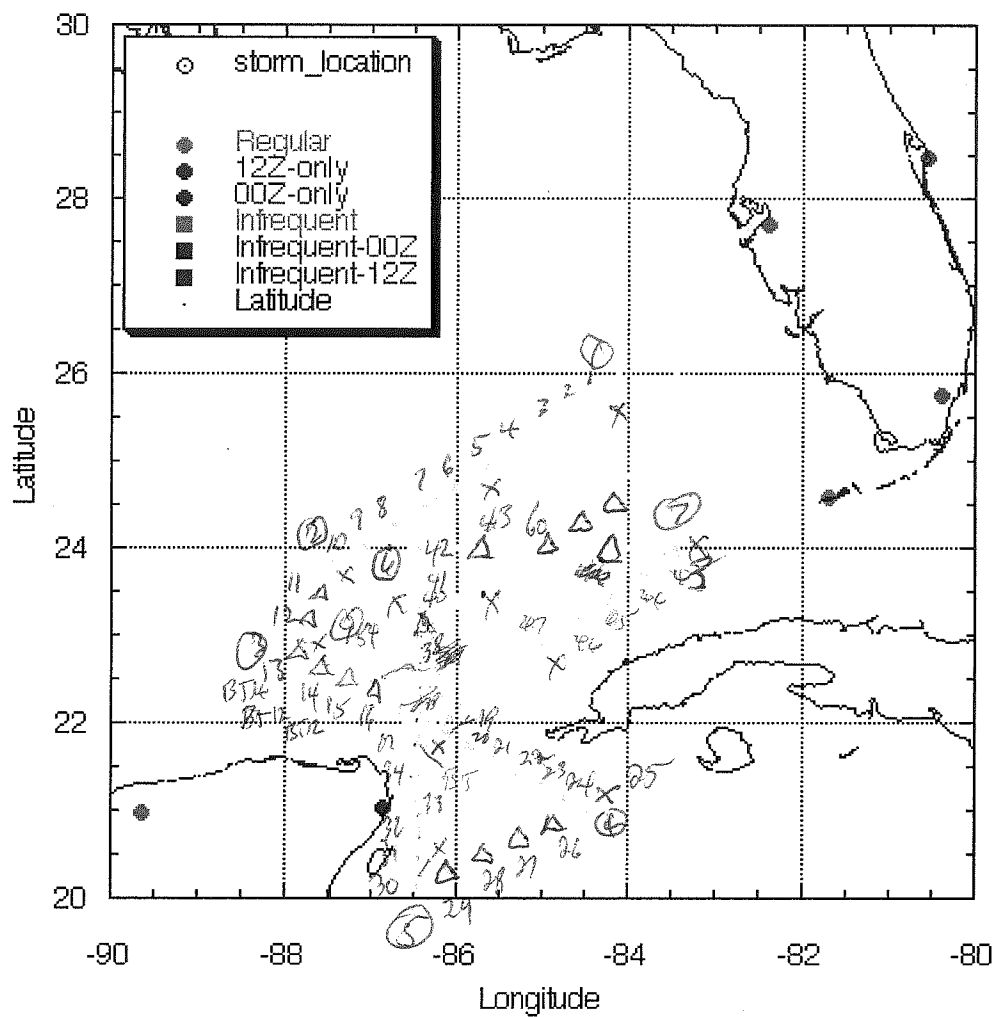
0:38	CTD
0:45	CP
0:51	CTD
0:57	CP
1:03	CTD
1:09	CP
1:15	CTD
1:21	CP
1:28	CTD
1:34	CP BT
1:49	CP BT 11
1:54	CTD BT 12
1:59	CP BT 13
2:03	CTD BT 14
2:08	CP -16
2:13	CP 17
2:17	CP -18
2:22	CP -19
2:26	CP -20
2:31	CTD 21
2:36	CP 22
2:40	CTD 23
2:45	CP
2:51	BT BT
2:58	BT
3:04	BT
3:10	BT
3:17	BT CP
3:21	CP CTD
3:26	CTD CTD
3:31	CP CTD
3:36	CTD CP
3:40	CP CP 234
3:45	CP
3:50	CP
3:55	CP
4:00	CTD
4:04	CP
4:09	CTD
4:14	CP 2 BTs
4:57	CTD
5:04	CP
5:11	CTD
5:17	CP
5:24	CTD
5:31	CP
5:38	CTD
5:44	CP

000

①	49	21 49	86 30	5:51	- No drop BT 51
	50	22 08	86 43	5:57	BT 52
	51	22 26	86 56	6:02	BT 53 CP-53
DP →	52	22 45	87 10	6:08	BT 54 GTD-54
	53	22 58	86 47	6:14	CP-55
	54	23 11	86 25	6:21	GTD BT-56
	55	23 24	86 02	6:27	CP 57
	56	23 37	85 40	6:33	GTD 58
	57	23 50	85 17	6:39	CP 59
	58	24 03	84 55	6:46	GTD BT GTD
	59	24 16	84 32	6:52	CP BT CP
	60	24 30	84 10	6:58	BT BT

Turn Pt	Type	Fix/Point	Latitude	Aspd	Altitude	MH	Leg Time	Leg Dist	Leg Fuel
	DTD	Description	Longitude	Bank	Wind	MC	Clock Time	Total Dist	Total Fuel
1	ST	KMCF/A	N 27 50.95		14M	044	00+00+00	0.0	200
	*M	MACDILL AFB	W082 31.28			044	00:00:00	0.0	9800
		.level off	N 27 27.93	N/A	5000M	222	00+04+59	29.1	83
	*M		W082 51.40			222	00:04:59	29.1	9717
2			N 25 50.00	225T	5000M	222	00+32+49	123.1	547
	*M		W084 15.00			222	00:37:48	152.2	9170
3			N 23 50.00	225T	5000M	239	00+57+03	213.9	951
	*M		W087 30.00			239	01:34:51	366.1	8219
4			N 22 50.00	225T	5000M	197	00+16+41	62.6	278
	*M		W087 50.00			197	01:51:32	428.7	7941
5			N 21 00.00	225T	5000M	120	00+57+34	215.9	959
	*M		W084 30.00			120	02:49:06	644.5	6982
6			N 20 10.00	225T	5000M	248	00+32+50	123.1	547
	*M		W086 30.00			248	03:21:56	767.6	6435
7			N 24 00.00	225T	5000M	360	01+01+07	229.2	1019
	*M		W086 30.00			360	04:23:03	996.8	5416
8			N 24 00.00	225T	5000M	090	00+43+57	164.8	733
	*M		W083 30.00			090	05:07:00	1161.6	4683
9			N 21 50.00	225T	5000M	235	00+56+11	210.7	936
	*M		W086 30.00			235	06:03:11	1372.3	3747
10			N 22 45.00	225T	5000M	326	00+17+39	66.2	294
	*M		W087 10.00			326	06:20:50	1438.5	3453
11			N 24 30.00	225T	5000M	057	00+52+10	195.6	869
	*M		W084 10.00			057	07:13:00	1634.2	2584
12		MCF/T	N 27 51.68	225T	5000M	026	00+58+40	220.0	978
	*M	MACDILL	W082 30.81			026	08:11:40	1854.1	1606

ISIDORE POST-STORM



LIMITED DISTRIBUTION
CADRG GNC 1:5 M - Equal Arc Projection



GNC 02, Ed 12, Jul 17 1997
GNC 09, Ed 13, Apr 09 1990

Printed Sep 23 2002 14:12
DAFIF current through Oct 02 2002
CADRG current as of Feb 12 2001

LIMITED DISTRIBUTION